



Docket No.: 13761-7001

**THE UNITED STATES PATENT AND TRADEMARK OFFICE**

#6

Applicant: Lenz, et. al.  
Filing Date: April 2, 2001  
Serial No.: 09/824,629  
Title: Manganese Superoxide Dismutase Gene Polymorphism for Predicting Cancer Susceptibility

Assignee:  
Examiner:  
Group Art Unit: 1645

**STATEMENT REGARDING SEQUENCE LISTING UNDER 37 C.F.R. §§ 1.821-1.825**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Please enter the attached Sequence Listing in place of the old one in the above-referenced patent application. The Applicant hereby declares that the content of the computer-readable copy of the Sequence Listing furnished herewith is the same as the written copy of the Sequence Listing.

Respectfully submitted,

McCutchen, Doyle, Brown & Enersen, LLP

Rajiv Yadav  
Registration No. 43,999

Date: July 25, 2001

Mailing Address:  
McCutchen, Doyle, Brown & Enersen, LLP  
Three Embarcadero Center, 18<sup>th</sup> Floor  
San Francisco, CA 94111  
Telephone: (213) 680-6678  
Facsimile: (213) 680-6499



Attorney Docket No.: 13761-7001

SEQUENCE LISTING

<110> University of Southern California  
Lenz, Heinz-Josef  
Stoehlmacher, Jan

<120> MANGANESE SUPEROXIDE DISMUTASE GENE  
POLYMORPHISM FOR PREDICTING CANCER SUSCEPTIBILITY

<130> 13761-7001

<140> US 09/824,629

<141> 2001-04-02

<150> US 60/193,964

<151> 2000-03-31

<160> 6

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 418

<212> DNA

<213> Homo sapiens

<400> 1

cggtagcacc	agcactagca	gcatgttgag	ccgggacagt	tgccgggtgag	aagaaagggg	60
acccgggtcac	ggccccaagg	gcgaaggggc	tcgcggcgagg	cagggcctcc	gcggcaatgg	120
cgacagtggc	cgcaccgggc	ctggcgggac	cggggcacct	gcaggcggtt	ctcccgggag	180
tgcccggcgc	ggcggttgga	gcggggatcc	gcaggagagg	gacgcgggga	ctcgggggac	240
gccgcgcgct	gccgttcctc	ggcagcccag	cctgcgtaga	cggtccccgc	ggcgctgact	300
gaccgggctg	tgctttctcg	tcttcagcac	cagcaggcag	ctggctccgg	ctttggggta	360
tctgggctcc	aggcagaagc	acagcctccc	cgacctgccc	tacgactacg	gcgccctg	418

<210> 2

<211> 418

<212> DNA

<213> Homo sapiens

<400> 2

cggtagcacc	agcactagca	gcatgttgag	ccgggacagt	tgccgggtgag	aagaaagggg	60
acccgggtcac	ggccccaagg	gcgaaggggc	tcgcggcgagg	cagggcctcc	gcggcaatgg	120
cgacagtggc	cgcaccgggc	ctggcgggac	cggggcacct	gcaggcggtt	ctcccgggag	180
tgcccggcgc	ggcggttgga	gcggggatcc	gcaggagagg	gacgcgggga	ctcgggggac	240
gccgcgcgct	gccgttcctc	ggcagcccag	cctgcgtaga	cggtccccgc	ggcgctgact	300
gaccgggctg	tgctttctcg	tcttcagcac	cagcaggcag	ctggctccgg	ttttggggta	360
tctgggctcc	aggcagaagc	acagcctccc	cgacctgccc	tacgactacg	gcgccctg	418

<210> 3  
<211> 21  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> PCR primer

<400> 3  
tgttttctcg tcttcagcac c 21

<210> 4  
<211> 18  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> PCR primer

<400> 4  
ggctgtgctt ctgcctgg 18

<210> 5  
<211> 21  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> PCR primer

<400> 5  
ataccccaaa gccggagcca g 21

<210> 6  
<211> 24  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> PCR primer

<400> 6  
agatacccca aaaccggagc cagc 24